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Group 23B Internal Memo # 69

TO: Distribution
FROM: D.E. Eyles
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SUBJECT: GENTRAN

There now exists in SUNDANCE Fixed-Fixed a general bloc transfer routine known as GENTRAN. Its calling sequence is as follows:

m-1	CA	n-1
m	TC	GENTRAN
m+1	ADRES	Bloc 1
m+2	ADRES	Bloc 2
m+3	return here	

Thus called, GENTRAN will duplicate a bloc of n consecutive erasables, beginning at Bloc 1, in the bloc of n consecutive erasables beginning at Bloc 2. For instance, to move RN1 to RN:

CA	FIVE
TC	GENTRAN
ADRES	RN1
ADRES	RN

GENTRAN destroys MPAC +4, MPAC +5, and MPAC +6. Since it cannot transfer erasables from one switched EBANK to another switched EBANK, it will not necessarily work where GENADRs or REMADRs are used instead of ADRESes.